•				Con	nplete if Known
				Application Number	09/688,282
	ATION DISC			Filing Date	October 13, 2000
SIAIEN	IENT BY AP	PLICA	N I	First Named Inventor	Richard J. HELFERICH
\c	1. 5			Group Art Unit	2685
()	AN 2 6 2005			Examiner Name	T.T. Nguyen
St.	THAD BURE			Confirmation No.	7019
Sheet	1	of	1	Attorney Docket Number	0101RECEIVED
					FEB 0 1 2005

			·		Ter	chnology Center 260	<u> </u>
i			FORE	IGN PATI	ENT DOCUMENTS	millionogy dorner zer	•
Examiner	Cite	Office ³	oreign Patent Docume	ent Kind ⁵	Name of Patentee or Applicant of	Date of Publication of Cited Document	
Initials*	No.¹	Code		(if known)	Cited Document	MM-DD-YYYY	T⁵
47		KR	00164369	B1	SAMSUNG ELECTRONICS CO. LTD.	09-11-1998	Ab
94		JP	6-318899	Α	DOCOMO ENGINEERING INC.	11-15-94	1
814	-	JP	8-228368	А	CASIO COMPUTER CO. LTD.	09-03-1996	1
				· .	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
				_			
			-				\Box
Examiner Signature			gryl-	ar	Date Considered	3/25/05	•

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

	. 4	5 500M 2	š/					Complete if Kn	own			
(A	pplicat	ion Number	09/688,282				
INFO	HATI	ON D	ECLOS APPLIC	URE	Fi	ling D	ate	10/13/2000	RF	-CEINEI)	
SIAI	CIVICH	++1017	APPLIC	ANI	Fi	rst Na	med Inventor	Richard J. H	elferich (OCT 1 4 2004		
					G	roup A	art Unit	2685	2685 Technology Center 2600			
					E	xamin	er Name	Thuan T. Ng				
Sheet	1		of	1	A	Attorney Docket Number 0101-137						
					U.S.	PATE	NT DOCUMENTS					
Examiner Initials*	Cite No. ¹		U.S. Pate		ent ind C			entee or Applica d Document	nt	Date of Publication of Cited Documer MM-DD-YYY	nt	
Do	Α	5,797,	091				Clise et al.			August 18, 1998	В	
	В	5,857,020					Peterson, Jr.			January 5, 1999	}	
	С	5,966,652					Coad et al.			October 12, 199) 9	
	D	6,064,	879				Fujiwara et al.			May 16, 2000		
	E	6,356,	939			B1	Dahl, Andrew A.		March 12, 2002			
Y	F	6,567,	179			B1	Sato et al.			May 20, 2003		
Corp	G	2002/0	032658			A1	Oki et al.		March 14, 2002			
										·		
				FO	REI	SN PA	TENT DOCUMEN	тѕ		<u>.</u>		
		į	Foreign I	Patent Doc	umen	t		,	Date	of Publication of		
Examiner Initials*	Cite No. ¹	Office ³ Code		Number ⁴		ind ⁵ known)	Name of Pa Applicant of Cit		Cit	ed Document M-DD-YYYY	T ⁶	
Dy	н	JP	JP 08228368			A	Casio Comput	Co., Ltd.	Septen	nber 3, 1996	AE	
				_								
			<u> </u>									
Examiner Signature		2	Am	and a	<u> </u>	1	/	Date Considered	~	3/25/05	-	

^{&#}x27;Unique citation designation number. 'See attached Kinds of U.S. Patent Documents. 'Enter Office that issued the document, by the two-letter code. 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

3		101	PE										
	$\overline{7}$	ren 1	3 2004					(Complete if Known				
	þ	•	ż		Apr	plicat	ion M	Number	09/688,282				
INFO	ŔMATÌ	DI DI	SCLOS	URE	Fili	ng Da	ate		October 13, 2000)			
SIAI	EMEN	I BAN	RPP LIC	ANI	Fire	st Na	med	Inventor	Richard J. Helferi	ch			
					Gro	oup A	\rt U	nit	2684 ZC85				
					Exa	amine	er Na	ame	To be assigned	7	NGUYEN		
Sheet	1		of	1	Atto	orney Docket Number 0101-137							
				·	J.S. F	PATE	ENT	DOCUMENTS					
			U.S. Pate	ent Docume	nt			None of Date			Data of Bublication		
Examiner Initials*	Cite No. ¹		Number		nd Co			Name of Patentee or Applicant of Cited Document			Date of Publication of Cited Document MM-DD-YYYY	: 1	
75%	Α	5,652,	789				Mir	ner et al.			July 29, 1997		
OF.	В	6,047,	053				Mir	ner et al.			April 4, 2000		
EN .	С	6,278,	862	. <u>.</u>		В1	Не	nderson		August 21, 2001			
										BI	CEIVED)	
: 					_					1	EB 1 7 2004		
			-		\dashv		Tec				nnology Center 2600		
			-					<u></u>					
									· · · · · · · · · · · · · · · · · · ·				
			•	FOF	REIG	N PA	TEN	NT DOCUMEN	TS		· · · · · · · · · · · · · · · · · · ·		
			Foreign I	Patent Docu	ment				-				
Examiner Initials*	Cite No. ¹	Office ³ Code		Number ⁴		nd ⁵ :nown)	<u>-</u>	Name of Paten Cited D	tee of Applicant of Document		te of Publication of Cited Document MM-DD-YYYY	Τ ⁶	
											_		
		<u> </u>											
				_		\perp	_						
						_							
_				- 6	7	\perp							
Examiner Signature			4	mych	_	=	\ 		Date Considered	3/	25/05		

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as Indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

								(Complete if Known				
						+	Annlicat	ion Number	09/688,282				
	INFO	RMATI	ON DI	SCLOS	SURE	H	Filing Da			00			
IP	TAPES					}		med Inventor	October 13, 20				
	~~~~ <u>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</u>					ŀ			Richard J. HEL		ЭН		
28						-	Group A		<del>2684</del> ZCSS				
<u> </u>		Ţ			т	+		er Name	Unassigned T. NEUYEN				
THE PER	eet	1		of	1			Docket Number	0101-137				
<u> </u>						U.	S. PATE	NT DOCUMENTS					
	caminer nitials*	Cite No.1	· · · · · · · · · · · · · · · · · · ·	U.S. Pat Numbe	ent Docui	Kind	Code ²	Name of Pate of Cited	ntee or Applicant   Document		Date of Publication of Cited Document MM-DD-YYYY	t	
7	<i>W</i>	Α	6,018,	657				Kennedy, III et al.	<del></del>		January 25, 2000	 )	
8	117	В	5,029,	199				Jones et al.			July 2, 1991		
		С			<del></del>								
		D							<u> </u>				
		E										-	
		F		***						RE	<del>CEIVED</del>		
		G								MA	3 1 2003		
		Н							Te	chnolo	gy Center 2600		
		1			_								
		J											
		К											
		L											
		М									-		
		N				_							
					F	ORI	EIGN PA	TENT DOCUMENT	rs				
		0::		Foreign Patent Docume			ent			Da	te of Publication of		
	raminer nitials*	Cite No. ¹	Office ³ Code	·	Numbe	er ⁴	Kind ^s (if known)	Ciant P	tee of Applicant of Occument		Cited Document MM-DD-YYYY	Τ°	
<u> </u>		<u> </u>		1									
Sig	aminer nature	nitial if sof		<u>ل</u>	Typ		<b>&gt;</b>	~	Date Considered	3	12565		

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

ه.	<u>\$</u>						(	Complete if Known	
MACENA					Арр	licat	tion Number	09/688,282	
			ISCLOS APPLIC		Filin	g D	ate	October 13, 2000	
SIAI	EIVIEN	прт	APPLIC	ANI	Firs	t Na	med inventor	Richard J. HELE	SICH
					Gro	up A	Art Unit	-2684 ZC PJ	OFINED
			;	_	Exa	min	er Name	Unassigned JAN	NE 2003 NE VIEN
Sheet	1		of	1	Atto	me	y Docket Number	0101-137 Technolog	ly Center 2600
					U.S. P	ATE	ENT DOCUMENTS		
xaminer Initials*	Cite No.1		U.S. Pate	ent Docum	nent Kind Cod		Name of Pate of Cited	Date of Publication of Cited Document MM-DD-YYYY	
D-75-	A	5,724	,410		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Parvulescu et al.		Mar. 3, 1998
1	В	5,907	,805				Chotai		May 25, 1999
	С	6,233,318			•	Picard et al.		May 15, 2001	
	D	6,292	,668				Alanara et al		Sep. 18, 2001
	E	6,370	,389			Isomursu et a	Isomursu et al.		Apr. 9, 2002
	F	5,239	,466				Morgan et al.		Aug. 24, 1993
	G	5,557	,659				Hyde-Thomson		Sep. 17, 1996
	Н	5,751	,793				Davies et al.		May 12, 1998
	ı	6,259	,892				Helferich		Jul. 10, 2001
	j	6,233	,430				Helferich		May 15, 2001
	к	6,253	,061				Helferich		Jun. 26, 2001
	L	6,097	,941				Helferich		Aug. 1, 2000
4	М.	6,459	,360				Helferich		Oct. 1, 2002
SIE	N	6,462	646				Helferich	-	Oct. 8, 2002

## **Foreign Patent Document**

Date of Publication of Examiner Cite Name of Patentee of Applicant of Cited Document Office³ Kind⁵ Number⁴ Initials* No.1 Cited Document MM-DD-YYYY Т° Code (if known)

Examiner Date Signature Considered

*EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

				ATTORNEY'S DKT N		APPLICATION N	lo.
INF	ORMATION DIS	CLOSUR	E	19529-037		09/688,282	
	CITATION	J		13323 337		00,000,202	
		IPE					
	PTO-1449	0,	\chi_{\chi_{\chi}}				
		0 9 70	1C38 3014	APPLICANT Richard J. HELFER	RICH		
		Kal n 2		FILING DATE		GROUP	2680
11.5	S. PATENT DOCUMENTS	S TRADE	Mat	October 13, 2000		<del>Unassigned</del>	_ 2503
EXAMINER'S		- GIKWO	<u>'</u>		: }	· T ···	FILING DATE
INITIALS	PATENT NO.	DATE		NAME	CLASS	SUBCLASS	FILING DATE
Tops	6,021,433	02/00	Payne	et al.			
	6.087.956	07/00	Helferi	ch			
	5,974,447	10/99	Canno	n et al.			
	5,694,120	12/97	Indeke	u et al.			
	5,870,030	02/99_	Deluca	et al			
<b>  </b> -	5,781,857	07/98	Hwang et al.				
	5,838,252	11/98	Kikinis			C 26	双形
	4.868,560	09/89	Oliwa	et al.	<del></del>	2	EB C
	5,473,667	12/95	Neuste	ein		3	CEIVE
	5,561,702	10/96	Lipp et	al.		ILROOM	ED 2001
	5,630,207	05/97	Gitlin e	et al.		3	
	5,684,859	11/97	Chanro	oo et al.			
	5.726.643	03/98	Tani				
	5.761,622	06/98	Priest				
	5.809.130	09/98	Ayala				
	5,850,594	12/98	Canno	n et al.			
-	5,696,500	12/97	Diem				
	5.463.672	10/95	Kage				
	5,175,758 12/92			o et al.			
	5,815,800 / 09/98 SL			ıl	·		
EXAMINER	Lapper.		/ D	ATE CONSIDERED	3/	125/05	

				ATTORNEY'S DET NO APPLICATION NO.				
INFO	DRMATION DIS	SCLOSUR	E	·				
	CITATIO		_	19529-037		09/688,282		
	OHAHO	OF						
	PTO-1449	61,5	જો -					
		0 9 200	n &)	APPLICANT Richard J. HELFE	DICL			
		Hay a s	副	FILING DATE	RICH	GROUP		
		19	<u> </u>	October 13, 200	0	Unassigned	- 2C80	
U.S.	PATENT DOCUMENT	TS FEW TRADE				•		
EXAMINER'S INITIALS	PATENT NO.	DATE		NAME	CLASS	SUBCLASS	FILING DATE	
Tops	5.455.823	10/95	Noree	n et al.				
	5,489,894	02/96	Murray	v				
	5.448.759	09/95	Krebs	ot al		0	77	
			Neus	et al.	<b>—</b>	2600	EB CC	
<del>                                     </del>	5,239,679	08/93	Murai		+	2	B PO	
	5.774.803	06/98	Kariya			3	OZ	
	5.257,307 10/93 5.694.120 12/97					MAILRO	RECEIVED	
				12/97 Indekeu et al.				
	3.118.145	01/64						
	4.480,253	10/84	Anders	son				
	4,644,352	02/87	Fujii					
	4.737.979	04/88	Hashin	noto				
	4.812.843	03/89	Chamr	oion, III et al.				
	4.821.308	04/89	Hashin	noto				
	4,825,456	04/89	Rosen	berg				
	4,845,491	07/89	Fascer	nda et al.	ļ <del></del>			
	4,853,688	08/89	Andro	s et al.				
	4,897,835	01/90	Gaskill	et al.				
	4,942,598 07/90							
	4.961,216 10/90			et al.				
ENT	4.965,569	10/90_	Bepper	tt et al.				
EXAMINER	Lypyph		/   ^p	ATE CONSIDEREI	3/	25/05		

	INICO	DAATION DIC		_	ATTORNEY'S DKT N		APPLICATION N	lo.
	INFO	RMATION DIS		E	19529-037		09/688,282	
		CITATION						
		PTO-1449	VAE 3	છે.				
		ĺ	MA D S MA	ह्य	APPLICANT Richard J. HELFEI	RICH		
		•	May a	5	FILING DATE October 13, 2000		GROUP	2680
	U.S.	PATENT DOCUMENT	S TENTE TRADE		October 13, 2000	;	<del>Unassigned</del>	
	EXAMINER'S INITIALS	DATENT NO	1	T		31.100	T	FILING DATE
	SE	PATENT NO.	DATE	<del>                                     </del>	NAME	CLASS	SUBCLASS	
	00	4.975.694	12/90	McLau	ighlin et al.			
		5.005.013	04/91	Tsukar	moto et al.		ļ	
		5,007,105	04/91	Kudoh	et al.			
		5,040,204	08/91	Sasaki	et al.			
l		5.043.721	08/91	May				
		5,047,763	09/91	Kuznic	ki et al.			
		5.065,423	11/91	Gaskill				
		5.093.659	03/92	Yamad	ia			
-		5.115.233	05/92	Zdunel	k et al.			
		5.117.449	05/92	Metrok	ca et al.			
		5,128,980	07/92	Choi				
		5.134,724	07/92	Gehrin	g et al.			
		5,138,311	08/92	Weinb	erg			
		5.138.312	08/92	Tsukar	moto et al.			·
		5.140,419	08/92	Galumi	beck et al.	·	<del> </del>	
		5.146.612	09/92	Grosje	an et al			
		5,153,903	10/92	Eastmo	ond et al.			
		5,159,331	10/92	Park et	tal.		<del>                                     </del>	
		5,159,713	10/92	Gaskill	et al.			
	7	5,173,688	12/92	DeLuca	a et al.			
I	EXAMINER <	Lypp	$\sim$		ATE CONSIDERED	3	125/05	

Restondocs:19403.1(#YZ01!.DOC)

				ATTORNEY'S DKT N		APPLICATION I	No.
INFC	RMATION DIS	CLOSUR	E	19529-037		09/688,282	
	CITATION	١				05/000,202	•
		OF					
	PTO-1449	VILE,	(3)			<u> </u>	
		CO POR P S TOTAL	الله الم	APPLICANT Richard J. HELFE	RICH		
		I MAIL O. 2.	OFFICE	FILING DATE		GROUP	9/2
11.5	PATENT DOCUMENT	1	<b>62</b> .	October 13, 2000	<u> </u>	Unassigned	2080
EXAMINER'S	TATENT DOCUMENT	S STEWN & TRANS	<b>CA.</b>		·	•	·
INITIALS	PATENT NO.	DATE		NAME	CLASS	SUBCLASS	FILING DATE
80%	5,177,780	01/93	Kaspei	et al.	-		
<u></u>	5,182,553	01/93	Kung		-		
	5,185,604	02/93	Nepple	et al.			
	5.192.947	03/93	Neuste	ein		-	
	5.194.857	03/93	Gomez			<u> </u>	
						2600	品 温
	5,212,636	05/93	Nakaza	awa		- o	ECEN
	5,220,366	06/93	King			75	
	5.227.774	07/93	Benois	t		- R	ED 2001
	5.241.305	08/93	Fascer	nda et al.		MAILROOM	
	5.247,700	09/93	Wohl e	et al.			
	5,257,307	10/93	lse		<del></del>		
	5,265,033	11/93	Vajk et	t al.			
	5,285,426	02/94	Teodor	ridis	-		
	5,315,635	05/94	Kane e	t al.			
	5,329,501	07/94	Meiste	r et al.			
	5,379,031	01/95	Mondre	osch et al.			
	5,396,537	03/95	Schwe	ndeman			
	5.398.021	03/95	Moore				
1	5,402,466	03/95	Delaha	nty			
boz	5.410.302 <u>1</u>	04/95	Dulane	v. III et al.			
EXAMINER -	Longh	-M	) D	y, III et al.` ATE CONSIDERED	3	125/05	<del></del>

## ATTORNEY'S DKT NO APPLICATION NO. **INFORMATION DISCLOSURE** 19529-037 09/688,282 **CITATION** PTO-1449 APPLICANT Richard J. HELFERICH FILING DATE GROUP 2688 October 13, 2000 **Unassigned** STENT & TRAD **U.S. PATENT DOCUMENTS EXAMINER'S** FILING DATE INITIALS PATENT NO. DATE NAME **CLASS SUBCLASS** Soll 5,418,835 05/95 Frohman et al. 5.426.422 06/95 Heuvel et al 5.426.594 06/95 Wright et al. 5.428.663 06/95 Grimes et al. <u>0</u> 5.432.839 07/95 DeLuca 5.440.559 08/95 Gaskill 5.444.671 08/95 Tschannen et al. 5,452,356 09/95 Albert 5,457,732 10/95 Goldbera 5.473.143 12/95 Vak et al. 5,475,653 12/95 Yamada et al. 5.479.378 12/95 Yamada et al. 5,479,408 12/95 Will 5.481.255 07/96 Albert et al. 5.483:595 01/96 <u>Owen</u> 5.485.503 01/96 Diem 5.487.100 01/96 Kane 5,497,373 03/96 Hulen et al. 5,530,438 06/96 Bickman et al. 5,530,930 06/96 Hahn 5,550,535 08/96 Park 5,555,446 09/96 Jasinski 5.572,196 11/96 Sakupaoto et al EXAMINÉR DATE CONSIDERED

EXAMINER: Initial if reference/considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFC	RMATION CITAT		SURE	19529-037		09/688,282		
	PTO-1	449 OF	E					
		1 2001	P COS	APPLICANT Richard J. HELFEI	RICH			
		Km	\$	FILING DATE October 13, 2000	)	GROUP  Unassigned	208	8
U.S.	PATENT DOCUM	MENTS TEM	TRADEMAR			:	i	
EXAMINER'S INITIALS	PATENT NO.	DATE		NAME	CLASS	SUBCLASS	FILING	DATE
Try	5,572,488	11/96	Yamada et al	Yamada et al.				
	5,579,372	11/96	Astrom					
	5.581.593	12/96	Engelke et al.					
	5,588,009	12/96	Will		-	- N	72	
	5,600,703	02/97	Dang et al.			2600	FULLY	) 7
	5.604.788	02/97	Tett			3 8		
	5,623,242	04/97	Dawson, Jr.	et al.		F.		<del>''</del>
	5.627.525	05/97	Kudoh et al.			MAILROOM		
	5.635.918	06/97	Tett			<u> </u>		
	5,644,627	07/97	Segal et al.					
	5,654,942	08/97	Akahane	<del></del>				
	5.663.703	09/97	Pearlman et a	al				
	5,675,507	10/97	Bobo, II					
	5.675.627	10/97	Yaker	······································				
	5.678.179	10/97	Turcotte et a	<u> </u>				
ملو	5,592,532	01/97	Koizumi		379	58	08/26	6/94
OF	5.003.576	03/91	Helferich		379	88	04/14	/89
EVALUEDIO.		FOR	EIGN PATENT	DOCUMENTS		: <u>-</u>	•	, ,
EXAMINER'S INITIALS	PATENT NO.	DATE	cc	DUNTRY	CLASS	SUBCLASS	Transl	
				<del>-</del>	<u> </u>	<del> </del> -	Yes	No
			<del> </del>					
	OTHER DOC	 UMENTS (Inc	l cluding Author	, Title, Date, Perti	l nent Pag	es, Etc.)		
TOP				ion No. H610; Da	_		or: Foc	arile
EXAMINER: Initia	2-gry	l	D	ATE CONSIDERED	3/	25/05		